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DOCKET NO.: V0139.70038US00

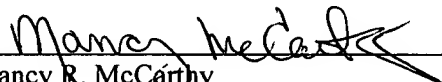
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Nicholas H. Heintz and Christopher R. Houchens
Patent No.: 6,780,986 B1
Issued: August 24, 2004
Serial No: *09/477,392
Filed: January 4, 2000
For: RIP60 NUCLEIC ACID AND POLYPEPTIDE SEQUENCES
AND USES THEREFOR
Examiner: Robert A. Zeman
Art Unit: 1645

Certificate
SEP 14 2004
of Correction

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 9 day of September, 2004.


Nancy R. McCarthy

Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:


Transmitted herewith are the following document(s):

- ☒ Request for Certificate of Correction Under 37 C.F.R. § 1.322
- ☒ Certificate of Correction - Form PTO-1050
- ☒ Copy of pertinent pages from U.S. Patent No. US 6,780,986 B1
- ☒ Return Receipt Postcard

No fee is considered due, however if the Examiner deems that a fee is considered due, the balance may be charged to the account of the undersigned, Deposit Account No. 23/2825.

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned collect at (617)646-8266, Boston, Massachusetts. A duplicate of this sheet is enclosed.

Respectfully submitted,
Nicholas H. Heintz and
Christopher R. Houchens, Applicant(s)

By: 
Maria A. Trevisan, Reg. No.: 48,207
Wolf, Greenfield & Sacks, P.C.
600 Atlantic Avenue
Boston, Massachusetts 02210-2211
Telephone: (617)646-8000

Docket No. V0139.70038US00
Date: September 9, 2004
xNDDx
822965.1

SEP 15 2004



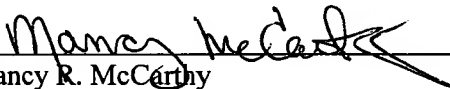
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Boston, Massachusetts 02210-2211
Telephone: (617)646-8000

Docket No. V0139.70038US00
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SEP 15 2004



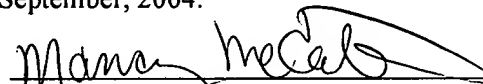
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Applicant: Nicholas H. Heintz and Christopher R. Houchens
Patent No.: 6,780,986 B1
Issued: August 24, 2004
Serial No: 09/477,392
Confirmation. No.: 9183
Filed: January 4, 2000
For: RIP60 NUCLEIC ACID AND POLYPEPTIDE SEQUENCES
AND USES THEREFOR
Examiner: Robert A. Zeman
Art Unit: 1645

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Nancy R. McCarthy

Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION
UNDER 37 C.F.R. § 1.322


Sir:

Applicants respectfully request the correction of an error in claim 1 found in the printing of U.S. Patent US 6,780,986 B1. The error in claim 1 is due to a PTO printing error. Correction of this error does not constitute new matter nor does it affect the scope of the claim.

Applicants enclose herewith a copy of the error-containing page from Patent US 6,780,986 B1, with the error highlighted.

Applicants respectfully request a Certificate of Correction for the error outlined herein.

Respectfully submitted,
Nicholas H. Heintz and
Christopher R. Houchens, Applicant(s)

By: 
Maria A. Trevisan, Reg. No.: 48,207
Wolf, Greenfield & Sacks, P.C.
600 Atlantic Avenue
Boston, Massachusetts 02210-2211
Telephone: (617)646-8000

Docket No. V0139.70038US00
Date: September 7, 2004
xNDDx

SEP 15 2004

-continued

<400> SEQUENCE: 65

tttttttagt ttctta

16

<210> SEQ ID NO 66

<211> LENGTH: 16

<212> TYPE: DNA

<213> ORGANISM: Artificial Sequence

<220> FEATURE:

<223> OTHER INFORMATION: Synthetic

<400> SEQUENCE: 66

tactttatgg ttaacg

16

<210> SEQ ID NO 67

<211> LENGTH: 22

<212> TYPE: DNA

<213> ORGANISM: Cricetulus sp.

<400> SEQUENCE: 67

tttttttatt attattatta gt

22

<210> SEQ ID NO 68

<211> LENGTH: 72

<212> TYPE: PRT

<213> ORGANISM: Homo Sapiens

<400> SEQUENCE: 68

His Ser Lys Ile His Lys Arg Ser Glu Gly Ser Ala Gln Ala Ala Pro
 1 5 10 15

Gly Pro Gly Ser Pro Gln Leu Pro Ala Gly Pro Gln Glu Ser Ala Ala
 20 25 30

Glu Pro Thr Pro Ala Val Pro Leu Lys Pro Ala Gln Glu Pro Pro Pro
 35 40 45

Gly Ala Pro Pro Glu His Pro Gln Asp Pro Ile Glu Ala Pro Pro Ser
 50 55 60

Leu Tyr Ser Cys Asp Asp Cys Gly
 65 70

We claim:

1. An isolated nucleic acid molecule, comprising a nucleic acid molecule selected from the group consisting of

(a) a nucleic acid molecule which hybridizes under stringent conditions to a molecule consisting of a nucleic acid of SEQ ID NO:1, SEQ ID NO:3, SEQ ID NO:5, or SEQ ID NO:50 and which codes for a polypeptide having a RIP60 activity selected from the group consisting of DNA binding, protein multimerization, and nucleic acid looping,

(b) a nucleic acid molecule that differs from the nucleic acid molecule of (a) in codon sequence due to the degeneracy of the genetic code, and

(c) complements of (a) or (b),

wherein the stringent conditions are hybridization at 65° C. in hybridization buffer (3.5×SSC, 0.02% Ficoll, 0.02% polyvinyl pyrrolidone, 0.02% Bovine Serum Albumin, 2.5 mM NaH₂PO₄(pH7), 0.5% SDS, 2 mM EDTA); wherein SSC is 0.1 M sodium chloride/

0.015M sodium citrate, pH7; SDS is sodium dodecyl sulphate; and EDTA is ethylenediaminetetracetic acid.

2. The isolated nucleic acid molecule of claim 1, wherein the isolated nucleic acid molecule comprises SEQ ID NO:1.

3. The isolated nucleic acid molecule of claim 1, wherein the isolated nucleic acid molecule comprises SEQ ID NO:3, SEQ ID NO:5 or SEQ ID NO:50.

4. The isolated nucleic acid molecule of claim 1, wherein the isolated nucleic acid molecule codes for a polypeptide comprising SEQ ID NO:2.

5. The isolated nucleic acid molecule of claim 1, wherein the isolated nucleic acid molecule codes for a polypeptide comprising SEQ ID NO:4, SEQ ID NO:6 or SEQ ID NO:51.

6. An expression vector comprising the isolated nucleic acid molecule of claim 1, 2, 3, 4 or 5 operably linked to a promoter.

7. A host cell transformed or transfected with the expression vector of claim 6.

* * * * *

^
 -- 0.15M --

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : US 6,780,986 B1

DATED : August 24, 2004

INVENTOR(S): Heintz et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 91, claim 1, line 63, "0.1 5M" should read -- 0.15M --.

MAILING ADDRESS OF SENDER:

Maria A. Trevisan
Wolf, Greenfield & Sacks, P.C.
600 Atlantic Avenue
Boston, Massachusetts 02210-2211

PATENT NO. US 6,780,986 B1

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